

15 GeV Low Energy Run

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RHIC status

- Providing back-to-back Physics stores
- Changed gap cleaner frequency from 1 Hz to 10 Hz. Debunched beam gets removed now without causing background at STAR
- STAR water leak Tuesday afternoon
- Fixed PHENIX vacuum leak Wednesday afternoon, improving background
- Tested STAR pre-fire protection bump

- Ramped up warm e-lens solenoids during pedestal runs
- Swapped Yellow BeamSyncLink board Thursday noon, eliminating problems with 10 Hz feedback responding to false BPM readings
- High Blue background, starting Saturday 15:00. Orbit correction and steering/collimation reduced background to acceptable level by Sunday noon
- Calculated luminosity is more than twice as large as recorded one
- Reached 9 min turnaround time (theoretical minimum)

Upcoming week

- Continue providing back-to-back Physics stores
- Scheduled maintenance tomorrow, driven by PHENIX Novek coolant leak
- Low energy run ends Monday, March 10